WHAT IS CLAIMED IS:

1. An organopolysiloxane composition for molding purposes comprising:

(A) an organopolysiloxane with at least two alkenyl groups bonded to silicon atoms within a single molecule, having a viscosity at 25°C of 0.05 to 100 Pa·s,

(B) a straight chain organopolysiloxane with a hydrogen atom bonded to a silicon atom at both terminals and with no aliphatic unsaturated bonds within a molecule, having a viscosity at 25°C of 0.001 to 1.0 Pa·s,

(C) an organohydrogenpolysiloxane with at least three hydrogen atoms bonded to silicon atoms within a single molecule and comprising a RHSiO unit and a $R_2XSiO_{1/2}$ unit (wherein R is an unsubstituted or substituted monovalent hydrocarbon group with no alkenyl groups, and X represents a hydrogen atom or a group represented by R as defined above) within a molecule, having a viscosity at 25°C of 0.001 to 1.0 Pa·s,

(D) an effective quantity of a hydrosilylation reaction catalyst,

(E) no more than 50 parts by weight of a finely powdered silica with a specific surface area of at least 50 m^2/g, per 100 parts by weight of said constituent (A), and

(F) 0 to 20 parts by weight of a non-functional organopolysiloxane having a viscosity at 25°C of 0.01 to 500 Pa·s, per 100 parts by weight of said constituent (A),

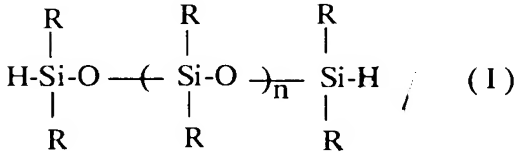
wherein a total number of hydrogen atoms bonded to silicon atoms within said constituent (B) and said constituent (C) is in a range of 1 to 5 atoms per alkenyl group within said constituent (A), and a number of hydrogen atoms bonded to silicon atoms within said constituent (B)

accounts for 20 to 70 mol% of a combined number of hydrogen atoms bonded to silicon atoms within said constituent (B) and said constituent (C).

2. The composition according to claim 1, wherein said organopolysiloxane of said constituent (A) is a substantially straight chain diorganopolysiloxane in which the backbone chain comprises repeating diorganosiloxane units, and both terminals of said chain are blocked with a triorganosiloxy group.

3. The composition according to claim 1, wherein said organopolysiloxane of said constituent (A) has a viscosity at 25°C of from 0.1 to 30 Pa·s.

4. The composition according to claim 1, wherein said organopolysiloxane of said constituent (B) is represented by a formula (I) shown below:



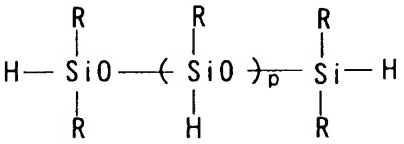
(I)

wherein, R is an unsubstituted or substituted monovalent hydrocarbon group with no alkenyl groups, and n is a number such that said organopolysiloxane has a viscosity at 25°C within a range from 0.001 to 1.0 Pa·s.

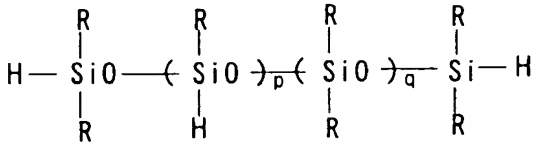
5. The composition according to claim 4, wherein said groups R are, independently, a substituted or unsubstituted hydrocarbon group of 1 to 10 carbon atoms, selected from the group consisting of alkyl groups, cycloalkyl groups,

aryl groups, aralkyl groups and halogen-substituted alkyl groups.

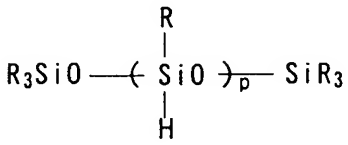
6. The composition according to claim 1, wherein said organohydrogenpolysiloxane of said constituent (C) is represented by any one of the formulas shown below:



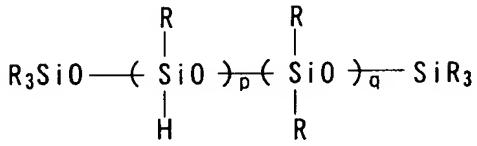
,



,



, or



wherein, R represents an unsubstituted or substituted monovalent hydrocarbon group with no alkenyl groups, p and q each represent, independently, an integer of 1 or greater, and p and p+q are values which yield a viscosity at 25°C for said organohydrogenpolysiloxane of 0.001 to 1.0 Pa·s.

7. The composition according to claim 1, wherein a total number of hydrogen atoms bonded to silicon atoms within said constituent (B) and said constituent (C) is in

a range of 1 to 3 atoms per alkenyl group within said constituent (A).

8. The composition according to claim 1, wherein a number of hydrogen atoms bonded to silicon atoms within said constituent (B) accounts for 30 to 60 mol% of a combined number of hydrogen atoms bonded to silicon atoms within said constituent (B) and said constituent (C).

9. The composition according to claim 1, wherein said constituent (D) is a platinum based catalyst, a palladium-based catalyst or a rhodium based catalyst, and a quantity of said catalyst in terms of a weight of a metallic element is 0.01 to 500 ppm relative to a combined weight of said constituent (A), said constituent (B) and said constituent (C).

10. The composition according to claim 1, wherein said finely powdered silica of said constituent (E) is any one of dry process silica, wet silica, and either one of these which has undergone hydrophobic surface treatment.